

01-08-02

10/089933
S. PTO
JC926

11/09/01

11/09/01

784 U.S. PTO

Docket No.
00016-00

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

87

Box Patent Application
Washington, D.C. 20231

PHENYL ETHER-SUBSTITUTED HYDROXYPHENYL TRIAZINE ULTRAVIOLET LIGHT ABSORBERS

Ram Baboo Gupta, Hargurpreet Singh and Russell C. Cappadona

☐ Continuation ☐ Divisional ☐ Continuation-in-part(CIP) of prior application No.:☐ Continuation ☐ Divisional ☐ Continuation-in-part(CIP) of prior application No.:☐ Continuation ☐ Divisional ☐ Continuation-in-part(CIP) of prior application No.:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 65 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross References to Related Applications (*if applicable*)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. ☐ Reference to Microfiche Appendix (*if applicable*)
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☐ Brief Description of the Drawings (*if drawings filed*)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

Sample	Temperature (°C)	Time (h)	Initial pH	Final pH	Initial TSS (mg/L)	Final TSS (mg/L)	Initial Turbidity (NTU)	Final Turbidity (NTU)	Initial Color (PCU)	Final Color (PCU)	Initial Conductivity (µS/cm)	Final Conductivity (µS/cm)
1	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
2	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
3	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
4	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
5	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
6	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
7	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
8	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
9	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
10	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
11	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
12	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
13	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
14	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
15	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
16	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
17	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
18	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
19	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
20	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
21	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
22	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
23	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
24	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
25	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
26	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
27	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
28	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
29	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
30	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
31	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
32	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
33	25	1	7.5	7.5	100	100	1.0	1.0	10	10	100	100
34	25	1	7.5	7.5	10							

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
00016-00

Total Pages in this Submission
87

Application Elements (Continued)

3. ☐ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☐ Formal Number of Sheets _____
- b. ☐ Informal Number of Sheets _____
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)* ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☒ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail *(Specify Label No.):* EL683156804US

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
00016-00

Total Pages in this Submission
87

Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. ☐ Additional Enclosures (please identify below):

--

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
00016-00

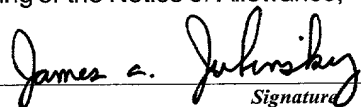
Total Pages in this Submission
87

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	34	- 20 =	14	x \$18.00	\$252.00
Indep. Claims	6	- 3 =	3	x \$80.00	\$240.00
Multiple Dependent Claims (check if applicable) <input checked="" type="checkbox"/>					\$280.00
BASIC FEE					\$740.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$1,512.00

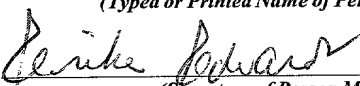
- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **03-4083** as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of **\$1,512.00** as filing fee.
 - ☒ Credit any overpayment.
 - ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
 - ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

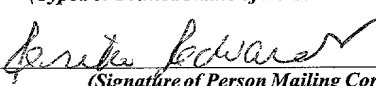

Signature

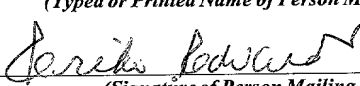
James A. Jubinsky, Reg. No. 42,700
Attorney for Applicants
Cytec Industries Inc.
1937 West Main Street
P.O. Box 60
Stamford, CT 06904-0060
Telephone: (203) 321-2913
Facsimile: (203) 321-2971

Dated: November 9, 2001

CC:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)			Docket No.
Applicant(s): Ram Baboo Gupta, Hargurpreet Singh and Russell C. Cappadona			00016-00
Serial No. NOT YET ASSIGNED	Filing Date HEREWITH	Examiner NOT YET ASSIGNED	Group Art Unit NOT YET ASSIGNED
Invention: PHENYL ETHER-SUBSTITUTED HYDROXYPHENYL TRIAZINE ULTRAVIOLET LIGHT ABSORBERS			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;">UTILITY PATENT APPLICATION TRANSMITTAL (4 PAGES IN DUPLICATE)</div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p style="text-align: center;"><u>November 9, 2001</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p>Erika Edwards <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p> <i>(Signature of Person Mailing Correspondence)</i></p><p>EL683156804US <i>("Express Mail" Mailing Label Number)</i></p></div>			
Note: Each paper must have its own certificate of mailing.			

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Ram Baboo Gupta, Hargurpreet Singh and Russell C. Cappadona			Docket No. 00016-00	
Serial No. NOT YET ASSIGNED	Filing Date HEREWITH	Examiner NOT YET ASSIGNED	Group Art Unit NOT YET ASSIGNED	
Invention: PHENYL ETHER-SUBSTITUTED HYDROXYPHENYL TRIAZINE ULTRAVIOLET LIGHT ABSORBERS				
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> RECORDATION FORM COVER SHEET (ONE PAGE IN DUPLICATE) </div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p style="text-align: center;"> <u>November 9, 2001</u> <i>(Date)</i> </p> <div style="text-align: right; margin-top: 20px;"> <p>Erika Edwards <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p> <hr style="width: 200px; margin: 5px auto;"/> <p> <i>(Signature of Person Mailing Correspondence)</i></p> <hr style="width: 200px; margin: 5px auto;"/> <p>EL683156804US <i>("Express Mail" Mailing Label Number)</i></p> </div>				
<p>Note: Each paper must have its own certificate of mailing.</p>				

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Ram Baboo Gupta, Hargurpreet Singh and Russell C. Cappadona			Docket No. 00016-00
Serial No. NOT YET ASSIGNED	Filing Date HEREWITH	Examiner NOT YET ASSIGNED	Group Art Unit NOT YET ASSIGNED
Invention: PHENYL ETHER-SUBSTITUTED HYDROXYPHENYL TRIAZINE ULTRAVIOLET LIGHT ABSORBERS			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> DECLARATION AND POWER OF ATTORNEY (4 PAGES) </div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p style="text-align: center;"> <u>November 9, 2001</u> <i>(Date)</i> </p> <div style="text-align: right; margin-top: 20px;"> <p>Erika Edwards <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p> <p> <i>(Signature of Person Mailing Correspondence)</i></p> <p>EL683156804US <i>("Express Mail" Mailing Label Number)</i></p> </div>			
<p>Note: Each paper must have its own certificate of mailing.</p>			

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Ram Baboo Gupta, Hargurpreet Singh and Russell C. Cappadona**

Docket No.

00016-00

Serial No.

NOT YET ASSIGNED

Filing Date

HEREWITH

Examiner

NOT YET ASSIGNED

Group Art Unit

NOT YET ASSIGNEDInvention: **PHENYL ETHER-SUBSTITUTED HYDROXYPHENYL TRIAZINE ULTRAVIOLET LIGHT ABSORBERS**

I hereby certify that the following correspondence:

SPECIFICATION (65 PAGES INCLUDING 34 CLAIMS AND ABSTRACT)*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

November 9, 2001*(Date)***Erika Edwards***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EL683156804US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**